

operating the audio device; and

data transmission means for linking the audio device and the computer together to transmit data therebetween,

wherein said computer has an output for outputting the computer audio data and the control data to the audio device via the data transmission means,

and wherein said audio device includes

a first system portion for processing audio source audio data that is provided by an audio source other than the computer,

a second system portion for processing the computer audio data from the computer, and

mixing means for performing mixing of the audio source audio data and the computer audio data, which are respectively processed by the first and second sound system portions.

2. (Amended) An audio system comprising:

an audio device;

a computer for creating computer audio data and control data for operating the audio device; and

data transmission means for linking the audio device and the computer together to transmit data therebetween,

wherein said computer has an output for outputting the computer audio data and the control data to the audio device via the data transmission means,

and wherein said audio device includes

a first system portion for performing signal processing on the computer

audio data from the computer, or for performing the signal processing on audio source audio data of an audio source different from the computer audio data, or the audio source audio data selectively provided by one of a plurality of audio sources different from the computer,

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a second system portion for performing simple signal processing, which is simple as compared with the signal processing of the first system portion, on the computer audio data from the computer,

mixing means for performing mixing of the audio source audio data and the computer audio data, which are respectively processed by the first and second system portions, and

means for turning off the mixing of the mixing means when the first system portion performs the signal processing selectively on the computer audio data of the computer.

3. (Amended) An audio system according to claim 1, wherein the computer further includes

display means for displaying an operation panel for operating the audio device,

means for outputting the control data to an audio device via the data transmission means on the basis of operation of the operation panel,

means for receiving information regarding operation made by the audio device via the data transmission means as the control data so as to reflect the control data in content of the operation panel, and

means for outputting the computer audio data to the audio device via the

data transmission means.

4. (Amended) An audio system according to claim 2, wherein the computer further includes

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display means for displaying an operation panel for operating the audio device,

means for outputting the control data to the audio device via the data transmission means on the basis of the operation of the operation panel,

means for receiving information regarding operation of the audio device via the data transmission means as the control data so as to reflect the control data in content of the operation panel, and

means for outputting the computer audio data to the audio device via the data transmission means.

9. (Amended) An audio device comprising

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at least one audio source;

an interface for inputting computer audio data supplied from a computer,

audio processing means for processing audio source audio data provided by the audio source and the computer audio data provided by the computer;

mixing means for performing mixing between the audio source audio data processed by the audio processing means and the computer audio data; and

speaker means for producing sound based on output of the mixing

means.

10. (Amended) An audio device comprising:

input means for inputting audio source audio data supplied from an audio source different from a computer;

an interface for inputting computer audio data supplied from the computer;

mixing means for performing mixing between the audio source audio data input by the input means and the computer audio data which is input thereto via the interface; and

speaker means for producing sound based on output of the mixing means.

11. (Amended) A machine readable media for storing an audio control program that causes a computer to actualized an audio control system comprising:

graphical user interface means for operating the audio device, the graphical user interface means actualizing an operation to select an audio source for the audio device and an operation to perform mixing on audio source audio data of the selected audio source and computer audio data provided by the computer;

means for outputting control data to the audio device via an external serial bus means on the basis of operation of the graphical user interface means;

means for receiving information regarding operation of the audio device as the control data via the external serial bus means so as to reflect the control data in content of graphical user interface; and

means for outputting the computer audio data to the audio device via the

external serial bus means.

12. (Amended) An audio system, comprising:

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an audio device for producing first audio data in connection with at least one audio source,

external serial bus means, and

a personal computer, for producing second audio data and control data,

wherein the audio device performs mixing between the first audio data and the second audio data, which is transmitted thereto via the external serial bus means, on the basis of the control data, so that speaker means produces sound based on mixing results.

13. (Amended) An audio system, comprising:

an audio device for producing first audio data in connection with at least one audio source,

external serial bus means, and

a personal computer, for producing second audio data and control data,

wherein the audio device further includes selection means for selecting one of the first audio data and the second audio data, which is transmitted thereto via an external serial bus means, signal processing means for performing signal processing on output of the selection means, first digital-to-analog conversion means for converting output of the signal processing means to first analog signals, second digital-to-analog conversion means for converting the second audio data from the personal computer to second analog signals, and analog mixing means for performing analog mixing between the first analog

signals and the second analog signals, whereby speaker means produces sound based on the result of the analog mixing.

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cont. 14. (Amended) An audio system according to claim 13, wherein the audio device further comprises

switch means for disconnecting the second digital-to-analog conversion means from the analog mixing means when the selection means selects the second audio data.

SubB37 15. (Amended) An audio system, comprising:
an audio device for producing first audio data in connection with at least one audio source,
external serial bus means, and
a personal computer, for producing second audio data and control data,
wherein the audio device further includes selection means for selecting one of the first audio data and the second audio data, signal processing means for performing signal processing on output of the selection means, adjustment means for performing adjustment on the second audio data with respect to sampling parameters, digital mixing means for performing digital mixing between output of the signal processing means and output of the adjustment means, and digital-to-analog conversion means for converting result of the digital mixing to analog signals, and speaker means for producing the sound based on the analog signals.

16. (Amended) An audio system according to claim 12, wherein the external serial bus means corresponds to a universal serial bus.

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17. (Amended) An audio system according to claim 12, wherein the external serial bus means corresponds to an IEEE 1394 serial bus.

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21. (New) An audio system comprising:

- an audio device;
- a computer for creating computer audio data and control data for operating the audio device;
- wherein said computer has output means for outputting the computer audio data and the control data to the audio device via the data transmission means,
- while said audio device includes
- a first system portion including selection means for selecting one of audio device audio data and the computer audio data, signal processing means for performing signal processing on output of the selection means, first digital-to-analog conversion means for converting output of the signal processing means to first analog signals,
- a second system portion including second digital-to-analog conversion means for converting the computer audio data given from the personal computer to second analog signals,
- analog mixing means for performing analog mixing between the first analog signals and the second analog signals.

22. (New) An audio device comprising:

- at least one audio source;
- an interface for inputting computer audio data supplied from a computer;

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audio processing means for processing audio source audio data provided by the audio source and the computer audio data from the computer wherein the audio device further includes selection means for selecting one of the audio source audio data and the computer audio data, signal processing means for performing signals processing on output of the selection means, first digital-to-analog conversion means for converting output of the signal processing means to first analog signals;

analog mixing means for performing mixing between the first analog signals and the computer audio data which is input thereto via the interface.

23. (New) An audio device comprising:

input means for inputting audio source audio data supplied from an audio source different from a computer;

interface for inputting computer audio data supplied from the computer;

selection means for selecting one of the audio source audio data and the computer audio data;

signal processing means for performing signal processing on output of the selection means;

first digital-to-analog conversion means for converting output of the signal processing means to first analog signals;

second digital-to-analog conversion means for converting the computer audio data from the personal computer to second analog signals,

analog mixing means for performing mixing between the first analog signals and the second analog signals; and

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speaker means for producing sound based on output of the mixing

means.